

Welcome!

Libby Larson

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Gyami Shrestha

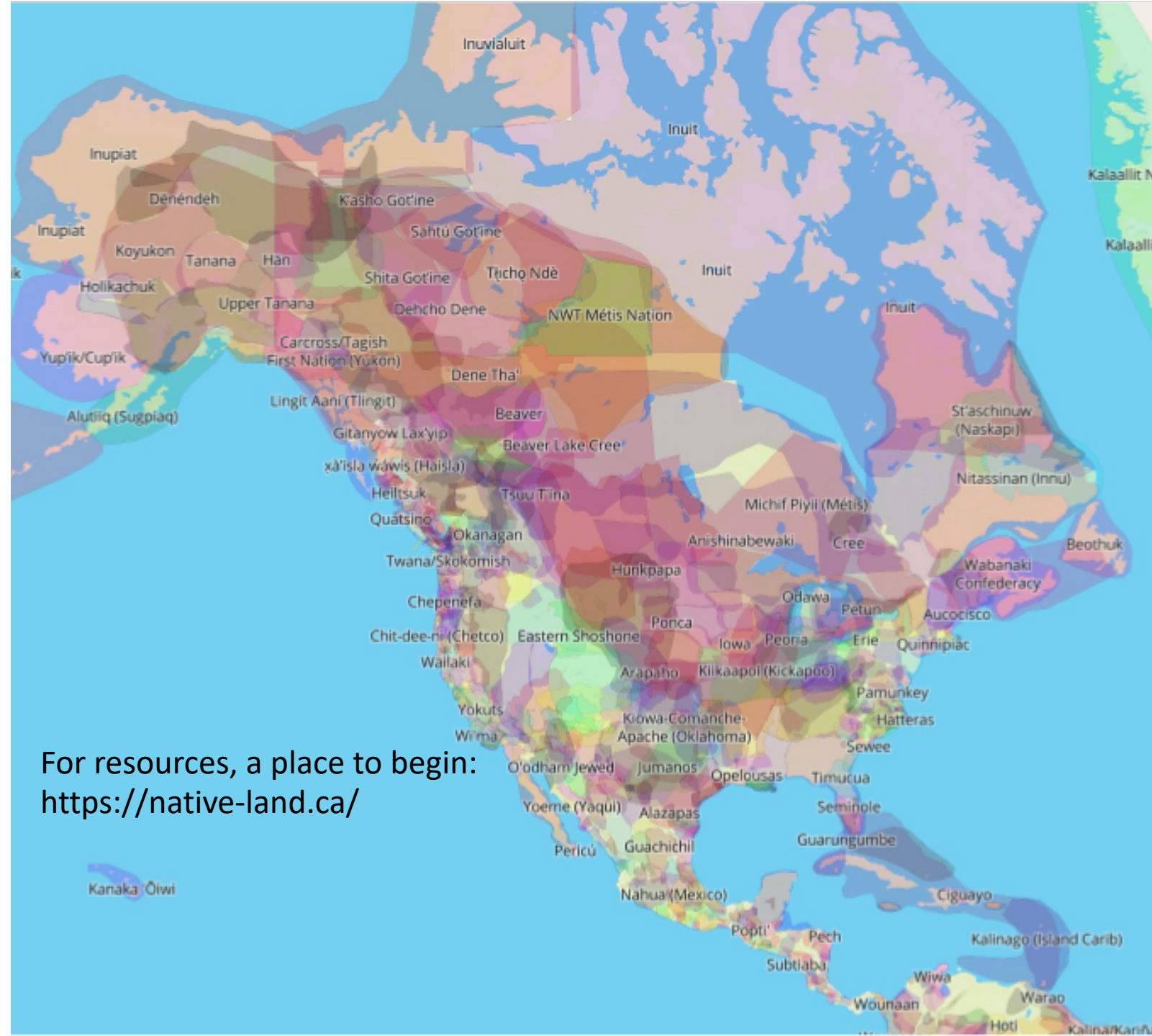
Director, US Carbon Cycle Science Program

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Land Acknowledgement

Creating a land acknowledgment for a virtual meeting is challenging, as we have participants from all across North America and beyond. But the majority of our attendees are participating from places where governments committed atrocities against Indigenous, Native American, and First Nation peoples. Our history also includes those who were kidnapped and brought here in the name of colonization and imperialism.

Despite the theft of this land, this is still Indigenous land. We need to learn, protect, and honor the history and people of the places we live in. We honor the lives of all who endured and continue to endure in the face of settler colonial oppression.



For resources, a place to begin:
<https://native-land.ca/>

Meeting Code of Conduct Reminder

- All participants are treated with respect and consideration, valuing a diversity of views and opinions
- Be considerate, respectful, and collaborative
- Communicate openly with respect for others, critiquing ideas rather than individuals
- Avoid personal attacks directed toward other participants
- Be mindful of your surroundings and of your fellow participants





If you have any concerns or need an ally, contact: Libby Larson (libby.larson@nasa.gov), Gyami Shrestha (gshrestha@usgcrp.gov), Megan McGroddy (megan.e.mcgroddy@nasa.gov) or Peter Griffith (peter.c.griffith@nasa.gov).

Logistics

- Emails with links, plus webpage on meeting website (after log-in)
- Attendees will view meeting events on YouTube
- Ask questions during live sessions via Slido
- Social hour (3/5) and Breakout Sessions (3/12, 3/19) happen on Webex

Interacting with Presenters – Talks

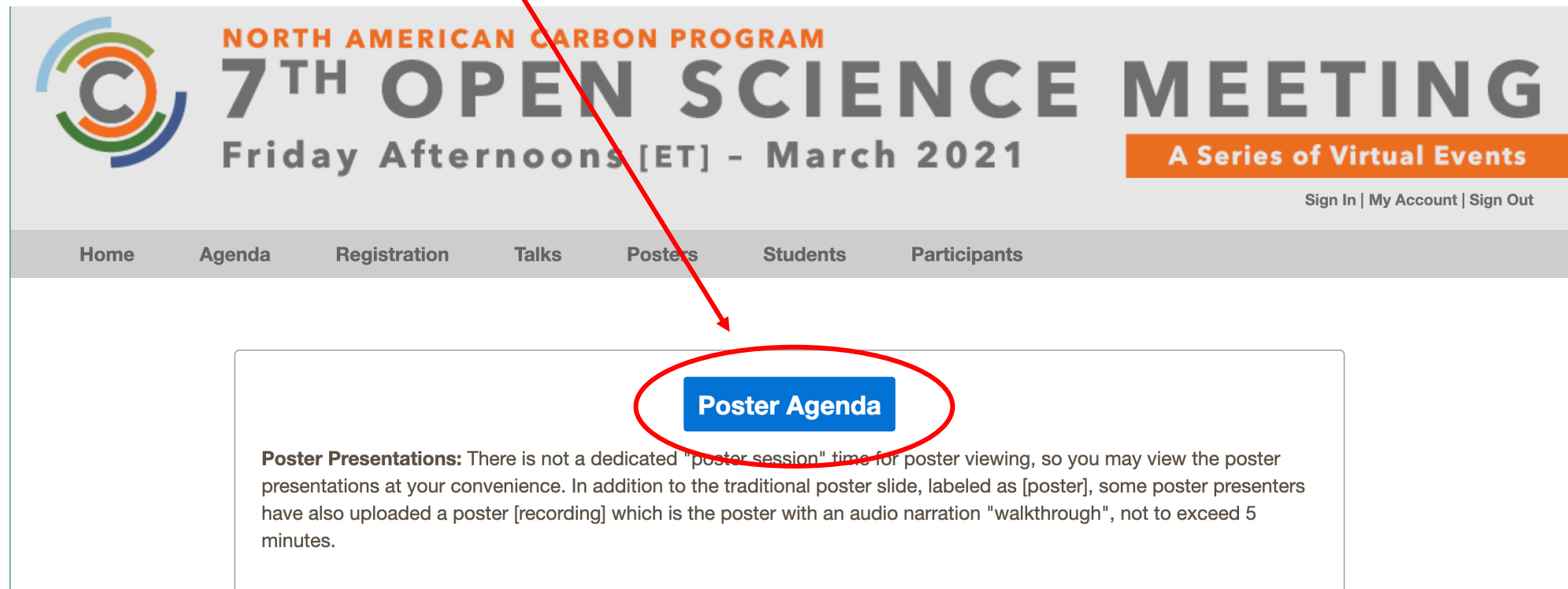
Re-watch the recording at any time


13:55	OSS: Stakeholder Engagement <i>Chairs: Xiangming Xiao, Gyami Shrestha</i>
	Bottom-up CO2 emissions: comparisons and lessons-learned (Kevin Gurney, Roest Geoff, Tomohiro Oda, Conor Gately, Lucy Hutyra) [abstract] [recording] 
	Differences in anthropogenic CO2 emission estimates in the United States (Dennis Gilfillan, Gregg Marland) [abstract] [recording] 
	Analysis of NASA's Carbon Monitoring System and Arctic-Boreal Vulnerability Experiment (ABOVE) Social Network and Community of Practice: Conclusions for NACP (Molly Brown, Matthew Cooper, Peter Griffith) [abstract] [recording] 
	Co-Producing Climate Change Vulnerability Assessments with Stakeholders Across Western U.S. National Forests (Jessica Halofsky, David Peterson, John Kim) [abstract] [recording] 

Click to leave a comment/question for the presenter.
Requires log-in. Notifications happen nightly.

Interacting with Presenters – Posters

Click to view posters by science theme



 **NORTH AMERICAN CARBON PROGRAM**
7TH OPEN SCIENCE MEETING
Friday Afternoons [ET] - March 2021

A Series of Virtual Events

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Poster Agenda



Poster Presentations: There is not a dedicated "poster session" time for poster viewing, so you may view the poster presentations at your convenience. In addition to the traditional poster slide, labeled as [poster], some poster presenters have also uploaded a poster [recording] which is the poster with an audio narration "walkthrough", not to exceed 5 minutes.

Interacting with Presenters – Posters

View the poster


This poster is part of the Outstanding Student Presentation Competition!

Advances in Methane Measurements, Attribution and Modeling

Sensitivity of lake and wetland methane emissions upscaling to littoral zone area using airborne synthetic aperture radar (Ethan Kyzivat, Laurence Smith, Tamlin Pavelsky, David Butman, Colin Gleason, Fenix Garcia-Tigreros, Chang Huang, Chao Wang, Theodore Langhorst, Jessica Fayne, Catherine Kuhn, Merritt Harlan, Yuta Ishitsuka, Dongmei Feng, Robert Spencer, Kimberly Wickland, Mark Dornblaser, Rob Striegl) [\[abstract\]](#) [\[poster\]](#)  

The Effect of Ratoon Rice Cropping on Greenhouse Gas Emissions and Harvest Yield in Arkansas (Marguerita Leavitt, Beatriz Moreno-García, Colby Reavis, Michele Reba, Benjamin Runkle) [\[abstract\]](#) [\[poster\]](#) [\[recording\]](#)  

Hyperspectral detection of vegetation and hydrologic controls on methane emissions in Sphagnum-dominated northern peatlands (Colin Tucker, Ally O'Neill, Karl Meingast, Laura Bourgeois-Chavez, Erik Lillekov, Evan Kane) [\[abstract\]](#) [\[recording\]](#) 

Arctic-boreal wetland vegetation community mapping by AVIRIS-NG hyperspectral data for upscaling of methane emission flux, a case in Peace-Athabasca Delta (Chao Wang, Tamlin Pavelsky, Ethan Kyzivat, Langhorst Theodore, Fangfang Yao, Xiao Yang, Shuai Zhang, Laurence Smith, Chang Huang, Catherine Kuhn, Fenix Garcia-Tigreros, David Butman, Jessica Fayne, Dongmei Feng, Merritt Harlan, Colin Gleason, Yuta Ishitsuka, Rob Striegl, Robert Spencer, Kimberly Wickland, Mark Dornblaser) [\[abstract\]](#) [\[poster\]](#) [\[recording\]](#) 

Listen to optional audio walkthrough for poster

Click to leave a comment/question for the presenter. Requires log-in. Notifications happen nightly.

Tremendous Thanks

The (never-ending) Planning Committee:

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Lisamarie Windham-Myers (co-chair), USGS

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Director

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Columbia University LDEO

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Xiangming Xiao, University of Oklahoma

Enrico Yopez, Instituto Tecnológico de Sonora

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Tremendous Thanks

Outstanding Support Staff!

UCAR/CPAESS:

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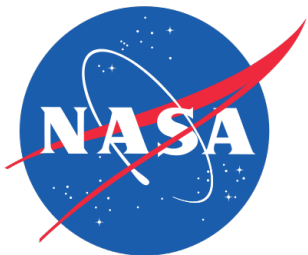
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Natalie Sharpe

David Stroud

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Sponsoring Agencies:



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